

| Date | Full description, etc. of work                                                                                                                                                                      | Number | Dimensions |         | Depth | Contents | Reference to last Measurement |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|---------|-------|----------|-------------------------------|
|      |                                                                                                                                                                                                     |        | Length     | Breadth |       |          |                               |
| 1    | 2                                                                                                                                                                                                   | 3      | 4          | 5       | 6     | 7        | 8                             |
|      | <u>Name of work</u> : Improvements of AC Road from local Kalyana mantapa Road Bharathi theater Road Lakshminarayana building Road & Annappa hotel Side Road link to NH4 Road in Dasarahalli ward 15 |        |            |         |       |          |                               |
|      | <u>Estimate cost</u> : RS 15.00 lakhs.                                                                                                                                                              |        |            |         |       |          |                               |
|      | <u>Job code</u> : 015-20-000011 P- Code - 1771                                                                                                                                                      |        |            |         |       |          |                               |
|      | <u>Est No</u> : EE/DP/WO/407/19-20, Dt: 27/09/19.                                                                                                                                                   |        |            |         |       |          |                               |
|      | <u>Est No</u> : EE/DP/AS/129/19-20, Dt: 17/06/19.                                                                                                                                                   |        |            |         |       |          |                               |
|      | <u>TS No</u> : EE/DD/TS/54/19-20, Dt: 30/01/19.                                                                                                                                                     |        |            |         |       |          |                               |
|      | <u>Agency</u> : Sri Manjunath N.C.                                                                                                                                                                  |        |            |         |       |          |                               |

# MEASUREMENT BOOK

| Date       | Full description, etc, of work                                                                                                                                                                                                                                 | Dimensions |        |                                   |       | Contents | Reference to last Measurement                       |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|-----------------------------------|-------|----------|-----------------------------------------------------|
|            |                                                                                                                                                                                                                                                                | Number     | Length | Breadth                           | Depth |          |                                                     |
| 1          | 2                                                                                                                                                                                                                                                              | 3          | 4      | 5                                 | 6     | 7        | 8                                                   |
| Item No: 1 | Dismantling of existing structures like walls & other structures comprising of masonry work. Skel work including T & P & scaffolding where the material, disposal of unserviceable material & stacking in serviceable material complete as per specifications. |            |        |                                   |       |          | Bridges, retaining concrete, wood necessary, Siding |
|            | Excl Kalyana mathappa Road                                                                                                                                                                                                                                     | 1          | 17.50  | $\frac{(14.30 + 6.70 + 5.50)}{3}$ |       | 0.20     | <del>30.91</del> <del>comp</del>                    |
|            | Bharathi Theater Road                                                                                                                                                                                                                                          | 1          | 11.20  | $\frac{(8.00 + 11.60)}{2}$        |       | 0.25     | <del>27.16</del> <del>-11</del>                     |
|            | Dharmasthala Hotel Road                                                                                                                                                                                                                                        | 1          | 20.00  | $\frac{(6.30 + 5.80 + 6.00)}{3}$  |       | 0.20     | <del>23.32</del> <del>-11</del>                     |
|            | Ayyappa madd Road                                                                                                                                                                                                                                              | 1          | 16.20  | $\frac{(5.00 + 4.50 + 6.00)}{3}$  |       | 0.20     | <del>16.72</del> <del>-11</del>                     |
|            | Nagamuneshwara temple Road                                                                                                                                                                                                                                     | 1          | 21.00  | $\frac{(4.00 + 4.50)}{2}$         |       | 0.20     | <del>17.85</del> <del>-11</del>                     |
|            | New market Road                                                                                                                                                                                                                                                | 1          | 17.50  | $\frac{(6.00 + 6.60)}{2}$         |       | 0.20     | <del>22.05</del> <del>-11</del>                     |

9365  
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200705 23.2.20 200705 23.2.20 200705 23.2.20

# M. A. R. 57 (Rule 116)

No. E

Measurement Book

485310

Serial No.

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

From

To

| Date | Full description, etc., of work | Dimensions |        |                    | Content | Reference to last Measurement |
|------|---------------------------------|------------|--------|--------------------|---------|-------------------------------|
|      |                                 | Number     | Length | Breadth            |         |                               |
| 1    | New masjid road 1               | 3          | 15.00  | 5                  | 0.20    | 3.60 11-05                    |
|      | New masjid road 2               | 1          | 14.00  | (1.20+1.20) 2      | 0.20    | 6.72 11-05                    |
|      | New masjid road 3               | 1          | 24.60  | (2.40+2.40) 3      | 0.20    | 13.58 11-05                   |
|      |                                 |            |        | (3.30+1.50+2.60) 3 |         | 161.90 cum                    |
|      |                                 |            |        | Qty limited to     |         | 158.70 cum                    |
|      |                                 |            |        |                    |         | 285882.00 /-                  |

Item No: 2 Earthwork excavation by manual means in ordinary soil involving an average horizontal distance upto 2 meters from average lift upto 0.50 m

Rs 180/- cum

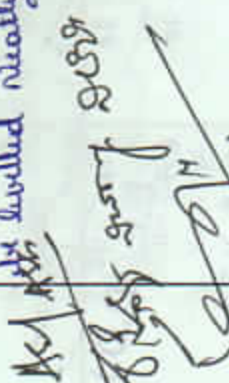
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# MEASUREMENT BOOK

| Date | Full description, etc., of work                                                                                                                     | Dimensions |        |                            |       | Contents | Reference to last Measurement |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|----------------------------|-------|----------|-------------------------------|
|      |                                                                                                                                                     | Number     | Length | Breadth                    | Depth |          |                               |
| 1    | excavated surface levelled & sides neatly dressed the disposed earth to the levelled neatly after breaking of clods complete as per Specifications. | 3          | 4      | 5                          | 6     | 7        | 8                             |
|      | 1st                                                                                                                                                 | 1          | 17.50  | (14.30 + 6.70 + 5.50)<br>3 |       | 0.10     | 15.45 cum                     |
|      | 2nd                                                                                                                                                 | 1          | 11.20  | (8.00 + 11.40)<br>2        |       | 0.15     | 16.32 - 11-                   |
|      | 3rd                                                                                                                                                 | 1          | 80.00  | (6.20 + 5.30 + 6.00)<br>3  |       | 0.10     | 11.66 - 11-                   |
|      | 4th                                                                                                                                                 | 1          | 16.20  | (5.00 + 4.50 + 6.00)<br>3  |       | 0.10     | 8.36 - 11-                    |
|      | 5th                                                                                                                                                 | 1          | 21.00  | (4.00 + 4.50)<br>2         |       | 0.10     | 8.93 - 11-                    |
|      | 6th                                                                                                                                                 | 1          | 17.50  | (6.00 + 6.60)<br>2         |       | 0.10     | 11.03 - 11-                   |
|      | 7th                                                                                                                                                 | 1          | 15.00  | (1.30 + 1.30)<br>2         |       | 0.10     | 1.80 - 11-                    |

  
**EXECUTIVE ENGINEER**  
 Bruhat Bengaluru Mahanagara Palike  
 Dasarahalli Division, Bengaluru-73.

ಸಾಧಾರಣ ಕೆಲಸ ಮಾಡಿದಾಗ  
 ಇ. ದಾಸರಾಹಳ್ಳಿ ಉಪ ವಿಭಾಗ  
 ಬೆಂಗಳೂರು-೭೩, ೨೮.೦೮.೨೦೨೩  
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**M. A. R. 57 (Rule 116)**  
Measurement Book

No. E

**485311**

Serial No. ....

Name of work .....

From .....

To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work                                                                                                                                                                                                            | Dimensions |        |                                  | Contents       | Reference to last Measurement |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|----------------------------------|----------------|-------------------------------|
|      |                                                                                                                                                                                                                                           | Number     | Length | Breadth                          |                |                               |
| 1    | 2                                                                                                                                                                                                                                         | 3          | 4      | 5                                | 6              | 7                             |
|      | <p><i>Levelled off</i></p> <p><i>27.12.19</i></p> <p><i>AF</i></p>                                                                                                                                                                        | 3          | 14.00  | $(2.40 + \frac{2.40}{2})$        | 0.10           | 3.36 <del>11-</del>           |
|      |                                                                                                                                                                                                                                           |            | 97.60  | $(3.30 + 1.50 + \frac{2.10}{3})$ | 0.10           | 6.79 <del>11-</del>           |
|      |                                                                                                                                                                                                                                           |            |        |                                  | Qty limited to | 83.67 cum                     |
|      |                                                                                                                                                                                                                                           |            |        |                                  |                | 78.35 cum                     |
|      |                                                                                                                                                                                                                                           |            |        |                                  |                | 11695.00/-                    |
|      | <p>Item No: 3. Providing, laying, spreading &amp; compacting graded stone aggregates to wet mix macadam specifications including providing the material with water at 0.01 in mechanical mix plant coverage of mixed method of tipper</p> |            |        |                                  |                |                               |

# MEASUREMENT BOOK

| Date | Full description, etc. of work                                                                                       | Dimensions |        |                             |       | Contents | Reference to last Measurement |
|------|----------------------------------------------------------------------------------------------------------------------|------------|--------|-----------------------------|-------|----------|-------------------------------|
|      |                                                                                                                      | Number     | Length | Breadth                     | Depth |          |                               |
| 1    | 2                                                                                                                    | 3          | 4      | 5                           | 6     | 7        | 8                             |
|      | To Site, laying in uniform layers with well prepared surface & measured according to complete as per specifications. |            |        |                             |       |          | 1. Base construction          |
|      |                                                                                                                      | 1          | 17.50  | (14.30 + 6.70 + 15.50)<br>3 |       | 0.15     | 23.18 cum                     |
|      |                                                                                                                      | 1          | 11.20  | (8.00 + 11.40)<br>2         |       | 0.33     | 24.29 - 11                    |
|      |                                                                                                                      | 1          | 20.00  | (6.20 + 5.30 + 6.00)<br>3   |       | 0.15     | 17.49 - 11                    |
|      |                                                                                                                      | 1          | 16.20  | (5.00 + 4.50 + 6.00)<br>3   |       | 0.15     | 12.54 - 11                    |
|      |                                                                                                                      | 1          | 21.00  | (4.00 + 4.50)<br>2          |       | 0.15     | 13.39 - 11                    |
|      |                                                                                                                      | 1          | 17.50  | (6.00 + 6.60)<br>2          |       | 0.15     | 16.54 - 11                    |
|      |                                                                                                                      | 1          | 15.00  | (1.20 + 1.20)<br>2          |       | 0.15     | 2.70 - 11                     |
|      |                                                                                                                      | 1          | 14.00  | (2.40 + 2.40)<br>2          |       | 0.15     | 5.04 - 11                     |

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Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc., of work | Dimensions |           |                    | Contents | Reference to last Measurement            |
|------|---------------------------------|------------|-----------|--------------------|----------|------------------------------------------|
|      |                                 | Number     | Length    | Breadth            | Depth    |                                          |
| 1    | 2                               | 3          | 4         | 5                  | 6        | 7                                        |
|      | 1                               | 3          | 37.60     | (3.3 x 1.5 x 2.60) | 3        | 10.18 - 11-<br>136.04 cum<br>121.67 cum. |
|      | 2                               | 1          | 40.37 cum |                    |          | 0.15<br>Qty limited to ->                |
|      | 3                               | 1          |           |                    |          | 260419.00/-                              |
|      | 4                               | 1          |           |                    |          |                                          |

Item No: 4. Providing & laying plain concrete of size 113.6 with OPC @ 220 kgs with crushed 40mm & down size graded granite metal coarse aggregates @ 0.89 & fine aggregates @ 0.40 cum including curing for 14 days including cost of all materials labour, Hom curing, form work scaffolding & centering Complete as per specifications.

# MEASUREMENT BOOK

| Date | Full description, etc., of work | Dimensions |        |                        |       | Contents | Reference to last Measurement |
|------|---------------------------------|------------|--------|------------------------|-------|----------|-------------------------------|
|      |                                 | Number     | Length | Breadth                | Depth |          |                               |
| 1    |                                 | 3          | 4      | 5                      | 6     | 7        | 8                             |
|      |                                 | 1          | 17.50  | (14.30+6.10+5.50)<br>3 |       | 0.10     | 15.45 cum                     |
|      |                                 | 1          | 11.20  | (8.00+11.40)<br>2      |       | 0.10     | 10.86 -11-                    |
|      |                                 | 1          | 20.00  | (6.20+5.30+6.00)<br>3  |       | 0.10     | 17.66 -11-                    |
|      |                                 | 1          | 16.20  | (5.00+4.50+6.00)<br>3  |       | 0.10     | 9.36 -11-                     |
|      |                                 | 1          | 21.00  | (4.00+4.50)<br>2       |       | 0.10     | 8.93 -11-                     |
|      |                                 | 1          | 17.50  | (6.00+6.60)<br>2       |       | 0.10     | 11.03 -11-                    |
|      |                                 | 1          | 15.00  | (1.20+1.20)<br>2       |       | 0.10     | 1.80 -11-                     |
|      |                                 | 1          | 14.00  | (2.40+2.40)<br>2       |       | 0.10     | 3.36 -11-                     |
|      |                                 | 1          | 27.60  | (32+1.50+2.60)<br>3    |       | 0.10     | 6.78 -11-                     |

78.24 cum

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Checked by  
ಮಾಪಕರಾದ ಮುಖ್ಯಸ್ಥರು  
ಮಾಪಕರಾದ ಮುಖ್ಯಸ್ಥರು  
ಮಾಪಕರಾದ ಮುಖ್ಯಸ್ಥರು  
ಮಾಪಕರಾದ ಮುಖ್ಯಸ್ಥರು  
ಮಾಪಕರಾದ ಮುಖ್ಯಸ್ಥರು

485313

Serial No. ....

Name of work .....

Name of Contractor of nature of Agency .....

From ..... To .....

Date of commencement of work .....

| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Full description, etc, of work   | Dimensions |        |         | Contents | Reference to last Measurement |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|--------|---------|----------|-------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  | Number     | Length | Breadth |          |                               |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                | 3          | 4      | 5       | 6        | 7                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>concrete</i><br>27.1.20<br>AE | @ 25       | 5728   | 73/4m   | limited  | 52.90um                       |
| Item No. 5. Construction of un-surfaced plain cement concrete pavement. thickness as per design over a prepared sub-base with 10th PC cement & any other type as per with 25mm & down size graded granite material coarse aggregates & fine aggregates with superplasticizer @ 3.15% mixed in a concrete mixer of not less than 0.60um capacity & approximate weight of water as per approved mix. design laid in approved fixed side form work & spreading the concrete with shovels; teachers compacted using Neutle; screed & place & finished |                                  |            |        |         |          |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |            |        |         | to 3     | 306752.00/-                   |

# MEASUREMENT BOOK

| Date | Full description, etc., of work                                                   | Dimensions |        |                            |       | Contents | Reference to last Measurement |
|------|-----------------------------------------------------------------------------------|------------|--------|----------------------------|-------|----------|-------------------------------|
|      |                                                                                   | Number     | Length | Breadth                    | Depth |          |                               |
| 1    | finishing to lines & grades as per drawing complete as per specifications<br>m30. | 3          | 4      | 5                          | 6     | 7        | 8                             |
|      |                                                                                   | 1          | 17.50  | (14.30 + 3.20 + 5.50)<br>3 |       | 0.10     | 15.45 cum                     |
|      |                                                                                   | 1          | 11.20  | (8.00 + 3.20)<br>2         |       | 0.15     | 16.30 - 11-                   |
|      |                                                                                   | 1          | 20.00  | (6.20 + 5.30 + 6.00)<br>3  |       | 0.10     | 11.66 - 11-                   |
|      |                                                                                   | 1          | 16.20  | (5.00 + 4.50 + 6.00)<br>3  |       | 0.10     | 8.36 - 11-                    |
|      |                                                                                   | 1          | 21.00  | (4.00 + 4.50)<br>2         |       | 0.10     | 8.93 - 11-                    |
|      |                                                                                   | 1          | 17.50  | (5.00 + 6.40)<br>2         |       | 0.10     | 11.03 - 11-                   |
|      |                                                                                   | 1          | 15.00  | (1.30 + 1.20)<br>2         |       | 0.10     | 1.80 - 11-                    |
|      |                                                                                   | 1          | 14.00  | (2.40 + 2.40)<br>2         |       | 0.10     | 3.36 - 11-                    |
|      |                                                                                   | 1          | 27.60  | (3.30 + 1.50 + 2.40)<br>3  |       | 0.10     | 6.72 - 11-                    |
|      |                                                                                   |            |        |                            |       |          | 83.67 cum                     |

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ಇ. ದಾಸರಾಜ್ 03.12.20

ಬಾಳೆಬೀದಿ, ಅ. ಜಿ. ಎಂ. ಪಿ.

ಬೆಂಗಳೂರು 560073

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# MEASUREMENT BOOK

| Date | Full description, etc, of work                                                                                                                                                                                                                                                  | Dimensions |        |                      |       | Contents     | Reference to last Measurement |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|----------------------|-------|--------------|-------------------------------|
|      |                                                                                                                                                                                                                                                                                 | Number     | Length | Breadth              | Depth |              |                               |
| 1    |                                                                                                                                                                                                                                                                                 | 3          | 4      | 5                    | 6     | 7            | 8                             |
|      | <p>Checked &amp; signed<br/>                     ಸಾಧಾರಣ ಕಾರ್ಯದ ಮೇಲೆ<br/>                     ಇ. ದಾಖಲೆಗಳು, ಇ. ದಾಖಲೆಗಳು<br/>                     ಇ. ದಾಖಲೆಗಳು, ಇ. ದಾಖಲೆಗಳು<br/>                     ಇ. ದಾಖಲೆಗಳು, ಇ. ದಾಖಲೆಗಳು<br/>                     ಇ. ದಾಖಲೆಗಳು, ಇ. ದಾಖಲೆಗಳು</p> | 1          | 20.00  | (6.25 + 5.35 + 6.00) |       | 116.60 - 11- |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 16.30  | (5.00 + 4.50 + 6.00) |       | 83.58 - 11-  |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 21.00  | (4.00 + 4.50)        |       | 89.25 - 11-  |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 17.50  | (6.00 + 6.60)        |       | 110.25 - 11- |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 15.00  | (1.30 + 1.30)        |       | 18.00 - 11-  |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 14.00  | (2.40 + 2.40)        |       | 33.60 - 11-  |                               |
|      |                                                                                                                                                                                                                                                                                 | 1          | 27.60  | (3.30 + 5.00 + 2.60) |       | 67.90 - 11-  |                               |
|      |                                                                                                                                                                                                                                                                                 |            |        |                      |       | 782.35 30/4  |                               |
|      |                                                                                                                                                                                                                                                                                 |            |        |                      |       | 529.00 30/4  |                               |
|      |                                                                                                                                                                                                                                                                                 |            |        |                      |       | 40781.00/-   |                               |

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# MEASUREMENT BOOK

| Date | Full description, etc., of work                                                                                                                                                                                                                                                         | Dimensions |        |         |       | Contents | Reference to last Measurement |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|---------|-------|----------|-------------------------------|
|      |                                                                                                                                                                                                                                                                                         | Number     | Length | Breadth | Depth |          |                               |
| 1    | 2                                                                                                                                                                                                                                                                                       | 3          | 4      | 5       | 6     | 7        | 8                             |
|      | <p><u>Certification:</u></p> <p>1) This is hereby that the Contractor has completed the work satisfactorily.</p> <p>2) The Contractor has cleared the debris from the work spot.</p> <p>3) There are no departmental issues for the above work.</p> <p><i>Signature</i><br/>31/1/20</p> |            |        |         |       |          |                               |
|      |                                                                                                                                                                                                                                                                                         |            |        |         |       |          |                               |

Satisfactorily.

Spot.

for the above work.

*Signature*  
31/1/20

28. ರಾಜರಾಜೇಂದ್ರ ಬಾಳೆ ಬೀದಿ

ಬಾಗಲಕೋಟೆ, 88.28.20.0.0.

ಸಂದರ್ಶನ ಸಂಖ್ಯೆ: 560073

Neumastid Road 1  
Neumastid Road 3  
Neumastid Road 2

15.00



*Signature*  
31/1